

20020818.qrp v02_n651.qrl.20020818

Date: Sun, 18 Aug 2002 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2651

QRP-L Digest 2651

Topics covered in this issue include:

- 1) [132674] Porta-Paddle shipping status
by "Doug Hauff" <dhauff@digitalputty.com>
- 2) [132675] Radio Shack
by "Karl F. Larsen" <k5di@zianet.com>
- 3) [132676] Rock-Mite PC Board Size
by Chuck Adams <k7qo@earthlink.net>
- 4) [132677] North America QSO Party -- NOW!
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 5) [132678] New Rig Project! Woo Hoo!
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 6) [132679] UPDATE the "Rock-Mite" files
by "Rod N0RC" <rod@n0rc.us>
- 7) [132680] Scope still for sale
by "AI2Q Alex" <ai2q@adelphia.net>
- 8) [132681] SD Rock-Mite On Air
by "nr5a" <nr5a@hills.net>
- 9) [132682] Club Auction--- long
by William R Colbert <w5xe@juno.com>
- 10) [132683] Rock Mite QSO
by "blinn" <blinn@smgazette.com>
- 11) [132684] Rock Mite + 40m EDZ
by "ss lyon" <sslyon@megalink.net>
- 12) [132685] Re: Reverse Polarity
by Fran Flynn <fflynn@adelphia.net>
- 13) [132686] Re: HB: Deluxe Direct Conversion Receiver
by Fran Flynn <fflynn@adelphia.net>
- 14) [132687] Fort Worth Rock-Mite Activated
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 15) [132688] Pacificon 2001 photos are online - de AL7FS
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 16) [132689] Re: Components at Radio Shack??
by "Leon Heller" <leon_heller@hotmail.com>
- 17) [132690] Stock TT2 and MRX-40 on the air
by N0BN@aol.com
- 18) [132691] Micro 80/20 Toroid
by Chuck Carpenter <w5usj@9plus.net>
- 19) [132692] MFJ-9420 info needed

- by "John Dorson" <jdorson@worldshare.net>
- 20) [132693] Re: Components at Radio Shack??
by ve3ab@mail.mondenet.com
- 21) [132694] W2NNY lighthouse results
by "George Osier" <gosier@twcny.rr.com>
- 22) [132695] Re: Trade Brown Bros. Paddle/Endorsement
by "Paul Christensen" <w9ac@arrl.net>
- 23) [132696] Re: MFJ-9420 info needed
by "Karl F. Larsen" <k5di@zianet.com>
- 24) [132697] Re: Trade Brown Bros. Paddle/Endorsement
by "Doug Hendricks" <ki6ds@dospalos.org>
- 25) [132698] False Return Address
by "Karl F. Larsen" <k5di@zianet.com>
- 26) [132699] Smith Chart for Dummies
by "Karl F. Larsen" <k5di@zianet.com>
- 27) [132700] NA
by Steven Weber <kd1jv@moose.ncia.net>
- 28) [132701] Re: False Return Address
by "Dennis W. Farrell" <dfarrell@ridgecrest.ca.us>
- 29) [132702] Re: False Return Address
by Haines Brown <brownh@hartford-hwp.com>
- 30) [132703] Vibroplex Venus
by "Paul Christensen" <w9ac@arrl.net>
- 31) [132704] Re: New Rig Project! Woo Hoo!
by "Bob Tellefsen" <n6wg@earthlink.net>
- 32) [132705] Re: New Rig Project! Woo Hoo!
by "M.M." <markem@cox.net>
- 33) [132706] TT Argosy 525D (digital)
by Bill Urie <burie@linknet.krl.org>
- 34) [132707] RE: B&W 5100 "Mode Switch"
by Karl Kanalz <kkanalz@gcecisp.com>
- 35) [132708] Solar panel - Harbor Freight #41144 - test data
by n5ib@juno.com
- 36) [132709] RE: Trade Brown Bros. Paddle/Endorsement
by Nick Kennedy <nkennedy@tcainternet.com>
- 37) [132710] Re: Trade Brown Bros. Paddle/Endorsement
by MIKE SOUHRADA <wb9iog@revealed.net>
- 38) [132711] Re: Trade Brown Bros. Paddle/Endorsement
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 39) [132712] Re: MFJ-9420 info needed
by IamSF5@aol.com
- 40) [132713] Re: Deluxe Direct Conversion Receiver
by Steven Weber <kd1jv@moose.ncia.net>
- 41) [132714] Re: K1?
by Jimmy Lee <jrllaudio@bellsouth.net>
- 42) [132715] Re: Trade Brown Bros. Paddle/Endorsement
by "Paul Christensen" <w9ac@arrl.net>
- 43) [132716] FS : Ten Tec Argonaut 509 and filter

- by "George Osier" <gosier@twcny.rr.com>
- 44) [132717] Email address for Jim Pepper Needed
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 45) [132718] WTB MFJ-9420
by "John Dorson" <jdorson@worldshare.net>
- 46) [132719] Re: Stock TT2 and MRX-40 on the air
by "blinn" <blinn@smgazette.com>
- 47) [132720] ZM-2 tuner
by Wayne AA5JJ <aa5jj@yahoo.com>
- 48) [132721] ROCK MITE, 40M EDZ, from Maine
by "ss lyon" <sslyon@megalink.net>
- 49) [132722] Re: Deluxe Direct Conversion Receiver
by "blinn" <blinn@smgazette.com>
- 50) [132723] Re: New Rig Project! Woo Hoo!
by "blinn" <blinn@smgazette.com>
- 51) [132724] K1?
by Jimmy Lee <jrlaudio@bellsouth.net>
- 52) [132725] Updated Deluxe DC RX files
by Steven Weber <kd1jv@moose.ncia.net>
- 53) [132726] Re: ZM-2 tuner
by "ss lyon" <sslyon@megalink.net>
- 54) [132727] Re: Deluxe Direct Conversion Receiver
by "Walter AG5P" <walter@accessus.net>
- 55) [132728] RE: Deluxe Direct Conversion Receiver
by Karl Kanalz <kkanalz@gcecisp.com>

Date: Sat, 17 Aug 2002 16:03:18 -0700
From: "Doug Hauff" <dhauff@digitalputty.com>
To: <qrp-1@lehigh.edu>
Subject: [132674] Porta-Paddle shipping status
Message-ID: <003c01c24642\$5d791f40\$27393442@fix.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am finishing the brass shafting and working on assembly at this time...will be shipping next batch starting in a day or two...

TNX Doug Hauff KE6RIE

Date: Sat, 17 Aug 2002 18:08:25 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>

what happens when this happens as we have done it in other rigs. Especially if you decide to power up a rig on a workbench with loose cuttings from parts installation..... You get the picture.

The physical measurements should help you decide on an enclosure for the rig. As previously noted on QRP-L you should make sure to leave room for connectors to the outside world.

FYI

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Sat, 17 Aug 2002 17:40:57 -0700
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132677] North America QSO Party -- NOW!
Message-ID: <000a01c2464f\$f06e0ce0\$493ecd18@charterpipeline.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Despite poor solar condx, there are a lot of people on the radio this weekend.

The NAQP phone contest is on today and ends tonight at 11p PDT, (0600Z tomorrow). I've worked about 50 stations in about an hour-and-a-half of QRP contesting including Brian, K7RE, South Dakota.

It is a fun contest because the object is to work other stations in North America on 80-40-20-15-10... you get a multiplier for each state/province/NA DX country worked on EACH band, and one point for each non-dupe QSO. You can work each station once per band.

There are plenty of people to work -- even with compromise antennas and QRP power. The beauty of this contest is ALL STATIONS are LIMITED to 100W or less! NO KW's!!!! Hence, QRM levels are lower, and weak signals have a

chance.

The exchange is simply NAME and state/province/etc entity (Alan -- California, for example in my case).

Rig here is an FT-817, 5W.

Come on in, the contesting is fine.

72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Sat, 17 Aug 2002 19:04:05 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132678] New Rig Project! Woo Hoo!
Message-ID: <000901c2465b\$88a247a0\$629fb2d1@tjnotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

A local ham Bob W3TGG was selling a few items, and one of them happened to be an old Johnson Ranger I in pristine condition! Well, to make a long story short, I went by Bob's house today and picked it up. Man this thing is in great shape! I have a few mods planned for it. The first mod, screen voltage mod on the final, will limit the output to just under 5 watts. Also going to have to see if the keying is clean as I'm planning on using this rig for CW along with my Collins R-390A (Still have to get up to Groveland to pick that up). Anyway, I guess I was just wondering if any of the others on the list have tried using a Ranger I for CW. I'm going to use my DDS Signal Generator to drive it, so the frequency should be stable. I'll let you guys know how it progresses if there is interest. Will make a nice Winter Boat Anchor Project!!!

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Sat, 17 Aug 2002 20:48:17 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "cqc-1" <CQCLIST@yahooogroups.com>
Subject: [132679] UPDATE the "Rock-Mite" files
Message-ID: <001e01c24661\$b4ef5130\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Two new Rock-Mites were added to the pile check 'em out.

73, Rod N0RC
the "Rock-Mite" files
<http://www.radioactivehams.com/~n0rc/rm/>

Date: Sat, 17 Aug 2002 22:56:46 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [132680] Scope still for sale
Message-ID: <000b01c24662\$e48d4cc0\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With all our conversation about old scopes, I'd like to remind listers that I still have a Tektronix 7313 in my shack gathering dust. There's no need for two solid-state Tektronix oscilloscopes here; my Tek 465B is on doing a great job. As such, the 7313 is for sale.

This analog storage scope works great, has terrific triggering and stability, and a bright and clean dual trace that shows the settings nomenclature on-screen.

In addition to the all solid-state 75-MHz "mainframe," I have a Model 7A18 dual-trace vertical amplifier module, and a calibration plug-in. A Model 7B50A timebase module is installed. I also have a Model 7A13 differential comparator plug-in for it, as well as a spare 7B50A. I also have all the original Tektronix service manuals for each item, included.

\$250 (you pay shipping or pick it up).

== Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Sat, 17 Aug 2002 21:03:35 -0500
From: "nr5a" <nr5a@hills.net>
To: <qrp-l@lehigh.edu>
Subject: [132681] SD Rock-Mite On Air
Message-ID: <011f01c2465b\$773a8f90\$5bcf1fce@jerry>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Finially have the South Dakota Rock-Mite on the air, still have the super low volume. I'm running it thru a external amp and it is just wired all over the desk right now. hi hi Anyway, I'll be on the air till 02:30utc trying for a contact. I'd stay on longer but its been a long day, too much airplane flying. hi hi

Jerry - NR5A - South Dakota

Date: Sat, 17 Aug 2002 21:22:10 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [132682] Club Auction--- long
Message-ID: <20020817.212214.-337861.7.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The other day, someone was on the list asking about cost of setting up a station - had some good answers, some not so good. Below is a synopsis of tonight's local radio

club auction, and what was available for a beginning HF amateur or a technician looking for a good rig for starting on 2 meters.

Not much boatanchor stuff there which is what I was looking for, but some goodies at reasonable prices. A complete Heath SB104(1 watt or 100 switchable) station with the ps, remote vfo, phone patch for 65 bux, TS820 station with remote VFO for 100, Swan 1200X amp for 130(not qrp). I got a Ten Tec Century 21 low power rig for 40 dollars, just missed a Hammarlund HQ145X in fair and working condition that went for 70 dollars. Also a 2 meter Kenwood TM221 for 25. When I left there was still a Tek 545 on cart for a minimum bid of 25 cents, and an ARC 5 aluminum - no paint - 4. to 5.3 complete (roller coil still inside) and in plastic wrap for 254 cents minimum bid. Sorry to say there were only a couple or three of us that still recognized what that was. A number of computer systems for no minimums, several other types of 2 meter transceivers for no minimum, as well as a Dentron super tuner. Quite a bit of stuff even if it was not boat anchors or qrp, and fun. A great place for someone just starting a station to pick up stuff if a club in one's area is having an auction. Better than a tailgate fest.

73

Ray

It is amazing what you can accomplish if you do not care who gets the credit. HST
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R FP# 111, SOC#78,QRP-ARCI 5784,
El Paso,(FAR WEST)TEXAS

Date: Sat, 17 Aug 2002 20:54:12 -0700
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132683] Rock Mite QSO
Message-ID: <00a801c2466a\$ff4cdbe0\$7d8aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just worked my first Rock Mite and I'm disappointed!

Yes, disappointed that I wasn't on my scratch-built xtal controlled quarter-watter and scratch built DC receiver. I've been operating it all week hoping to work a Rock Mite. Tonight, I had company in the shack and put the TS 570 on line (because it has a speaker). Heard VA6RF, Earl calling CQ with a pretty stiff signal. Gave him a toot at 5 watts and he answered right away. Frankly, I was surprised to find out that he was running a Rock Mite.... Very good signal (up to S9 on the 570 with 102' G5RV antenna.) The band held up as I listened to him make several other contacts, still sounding strong. Tuned him in at 7.039.8.... so, I'll have to change my xtal in my xmter as it is landing on 7.040.7.

Maybe next time I'll be lucky enough to be using my little PWS (Peanut Whistle Station)!

Bill - WA7TQK

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.381 / Virus Database: 214 - Release Date: 8/2/02

--

Date: Sun, 18 Aug 2002 00:00:16 -0400

From: "ss lyon" <sslyon@megalink.net>

To: <nr5a@hills.net>

Cc: "chat qrp" <qrp-1@lehigh.edu>

Subject: [132684] Rock Mite + 40m EDZ

Message-ID: <000901c2466b\$c3803700\$aac7e742@megalink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Congratulations, Jerry. I can't make it tonite, but will be on tomorrow, with a new 40m EDZ. (~ 165' up 55') Rocky's got new boots! I'll post when I'm ready to fire it up.

73

AA1MY

Seabury & Sharon Lyon

99 Sparrowhawk Mtn Rd

Bethel ME, 04217 U.S.A.

207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "nr5a" <nr5a@hills.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, August 17, 2002 10:03 PM

Subject: SD Rock-Mite On Air

> Finially have the South Dakota Rock-Mite on the air, still have the super
> low volume. I'm running it thru a external amp and it is just wired all over
> the desk right now. hi hi Anyway, I'll be on the air till 02:30utc trying
> for a contack. I'd stay on longer but its been a long day, too much airplane
> flying. hi hi

>

> Jerry - NR5A - South Dakota

>

Date: Sun, 18 Aug 2002 00:24:42 -0400

From: Fran Flynn <fflynn@adelphia.net>

To: qrp-1@lehigh.edu

Subject: [132685] Re: Reverse Polarity

Message-ID: <3D5F218A.4020708@adelphia.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

David, that's a really good answer and I just might qoute you on that
from time to time.

-Fran KM1Z

Most of us are not stupid!

>Nonsense. There's a big difference between inexperience and stupidity.

>Stupidity is incurable.

>Dave

Date: Sun, 18 Aug 2002 00:19:15 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l@lehigh.edu
Subject: [132686] Re: HB: Deluxe Direct Conversion Receiver
Message-ID: <3D5F2043.4060701@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I think the VFO stability depends on who builds the vfo and how well they build it.

The VFO stability would have a lot to do with the mechanical construction and quality of the components used. In other words, the VFO can be as stable as you make it. Building a vfo can be as much an art as a science.

At 06:33 PM 8/16/2002 -0400, you wrote:

>>Just put up the schematic and discription for a deluxe DC Rx on my web
>>page. Uses a 74HC4053 as a mixer and is virtually immune to AM SWBC pick
>>up. Also uses a unique heterodyned VFO built around a 74HC00 NAND gate. At
>>least I've never seen anything quite like it before!
>>
>>direct link: <http://www.qsl.net/kd1jv/dcrx.HTM>
>
>

Steve,

That looks like a really interesting circuit. How's the stability of the VFO?

Dave

Date: Sun, 18 Aug 2002 01:32:37 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@lehigh.edu>

Subject: [132687] Fort Worth Rock-Mite Activated
Message-ID: <000501c24681\$3c4e86e0\$5d36a6d8@texas.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While putting on the final touches to my Rock-Mite tonight I heard NX9Z/QRPP calling CQ on 7040 kHz and took a break and gave him a call. We had a nice WI to TX QSO with his beefed up Rock-Mite at 900 mw. Shortly after that I got mine on the air and called CQ. To my surprise, my friend Dave, N05DL called me. Given that he is only about 30 miles away that was quite a feat for 40m after midnight. His signal had that hollow backscatter sound to it with lots of QSB. When starting with 500 mw there isn't much left for groundwave and backscatter ;-) It was amazing to hear what sounded like dozens of other Rock-Mites on the air at the same time in the background.

It's now 1:20 in the morning and I'm just enjoying listening to all of the QRP signals chirping away in the headphones like a bunch of crickets. By the way, the Rock-Mite has great crisp and loud audio!

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>
<http://aa5tb.home.texas.net/> (faster)

Date: Sun, 18 Aug 2002 00:15:02 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>,
QRP Canada <qrp-canada@neale.gpfn.sk.ca>
Subject: [132688] Pacificon 2001 photos are online - de AL7FS
Message-ID: <3D5F5786.18A10C1D@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I would like to encourage any and all of you to visit Pacificon this fall. It is a wonderful experience and the memories are really hard to beat.
See: <http://www.norcalqrp.com/pacificon02/pacificon02.htm>

I have added my entire collection of Pacificon 2001 photos to my website at

<http://www.qsl.net/al7fs/> . They are in a size that won't take all day to load (50-65K for the most part) and they should fit your screen just right.

Go take a look and project yourself into the pictures. Imagine yourself there. Then take or make the time and plan to go to Pacificon, or Atlanticon or any of the other regional QRP gatherings. Treat yourself. You will not regret it.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

Date: Sun, 18 Aug 2002 09:21:18 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: dhauff@digitalputty.com, qrp-1@lehigh.edu
Subject: [132689] Re: Components at Radio Shack??
Message-ID: <F179no5Xcx0s23gGuw20000a23f@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Doug Hauff" <dhauff@digitalputty.com>
>Reply-To: dhauff@digitalputty.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Components at Radio Shack??
>Date: Sat, 17 Aug 2002 13:04:58 -0700
>
>
>
> > I noticed someone lately mentioned something about RS discontinuing
> > components....is this true?

In the UK they haven't sold components for years, probably because they aren't owned by Tandy any more.

The local former Tandy dealer still sells lots of components. Some are old RS stock, and he is also sourcing them from other suppliers. They are expensive, though, and the range is limited. I use professional suppliers like Rapid Electronics and get things in the post the next day.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1424 14790

Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

MSN Photos is the easiest way to share and print your photos:

<http://photos.msn.com/support/worldwide.aspx>

Date: Sun, 18 Aug 2002 06:45:35 EDT

From: N0BN@aol.com

To: qrp-l@lehigh.edu

Subject: [132690] Stock TT2 and MRX-40 on the air

Message-ID: <120.14a6cf23.2a90d4cf@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Hi folks,

Rather than leaping in and attempting to electronically mate my TT2 and MRX-40 when they were already in a conjoined state from a complicated but failed attempt to wire them together previously, I delicately separated them and returned them to their original semi-pristine states of independence.

The MRX-40 is now linked to the TT2 only by coax running to the TT2 coax port and the RF runs within the TT2 are also protected by coax. The RXCR and TXCR are powered by their own separate 9 V battery and thus the TT2 should be putting out about 250 mW to a G5RV at about 40 feet.

I called CQ. My first contact was Roger WB0JNR in Denver (~50 miles) who gave me a 559 to his 339. My second CQ captured Rob VE3FLD in Thunder Bay, Ontario (1021), for mutual 339 reports and almost 4100 miles per watt. Thanks guys, both QRP.

I am troubled by very loud RF noise in my earbud which forces me to take it in and out when I flip the TX/RX switch and transmit. The MRX is still unenclosed and I tried putting it in a temporary aluminum foil wrapper but there was no perceptible difference.

Any suggestions? I am still open to the possibility of finding an electronic TX/RX switch but would like to fix this situation first!

Thanks.

Daniel n0bn

Date: Sun, 18 Aug 2002 06:12:22 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPP-I@yahoogroups.com
Subject: [132691] Micro 80/20 Toroid
Message-ID: <3.0.2.32.20020818061222.0069ef3c@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Micro 80 Folks,

To lower the profile of the Micro 80/20 tanks circuit, a toroid laying flat on the PCB would do the job.

The supplied ceramic former wound with 19 turns of 0.3 mm wire (approx #30) inductance is about 4 uH with the ferrite core in. With it out, the inductance is about 1.7 uH.

A T37-2 iron powder core wound with 30 turns #30 has an inductance of about 4 uH. Also, a T50-2 core with 25 turns of #26 has about 4 uH inductance.

With 30 turns, tap at 10 turns. With 25 turns, tap at 7 turns. This would give about the same turns and impedance ratio as 19 turns tapped at 5.

I don't know what the collector to emitter capacitance of the output transistor is. About 35 pf capacitance is needed to resonate 4 uH at 14 MHz. An 8 to 50 pf trimmer across the coil should do the job. Start tuning with the trimmer set to mid range.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sun, 18 Aug 2002 08:10:14 -0400
From: "John Dorson" <jdorson@worldshare.net>
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [132692] MFJ-9420 info needed
Message-ID: <000601c246b0\$396f9e80\$e63a8d41@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I am thinking of buying the MFJ-9420 SSB Travel Radio to be used on some trips and a cruise. Any information on this rig would be greatly appreciated.

Thanks.

John K2JHU...
Melbourne Beach, FL
jdorson@worldshare.net
FISTS 8637, CQC 351

Date: Sun, 18 Aug 2002 08:57:03 +0000
From: ve3ab@mail.mondenet.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [132693] Re: Components at Radio Shack??
Message-ID: <200208181259.g7ICxo1A004982@phlox.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Up here in Canada..Radio Shack seems to be getting out of the electronic component business..or at least..they are probably going to bigger ticket items that are more profitable. When they do sell things off..sometimes they drop the price way down to something like \$2.99 cents vs the original \$17.99. This was the case with the 0 to 500 ma DC Panel Meter I bought. Im waiting for more of their coax patch cables to go on sale. 73 Earl VE3AB

Date: Sun, 18 Aug 2002 09:30:41 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [132694] W2NNY lighthouse results
Message-ID: <001101c246bb\$72a2dd60\$25624342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All !!!!!!!

We had a great time at the lighthouse !!!!
68 QSOs from 1 PM till 9 PM Very tough going with the NA QSO
Party going on

Worked several LH stations:

WD0CJZ ... WEST LAKE LH..... USA - 919
W0MTL MARK TWAIN LHUSA - 915
GB2LT TURNBERRY LHSCO - 248
K7L CAPE BLANCO LH USA - 107
EI4IS KINSALE LH IRE - 055
N7L YAQUINTA BAY LH USA - 906
GB2LBN BARNES NESS LH ... SCO - 015
W4T WOLF TRAP LHUSA - 903
K6PVPOINT VICENTE LHUSA - 640

Many thanks to all who helped !!!!!!!!!!!

Roger , KA2JXI with setup and teardown and encouragement when I
thought we wernt going to have it !!!

Doc , W2IB with the liason work with the Roethels who own the LH
!!!! and antennas and feed line !!!!

Operators :

GEORGE , N2JNZ
WALT , W2B0
BUTCH , KC2GHT
DOC , W2IB
ROGER , KA2JXI
LEN , KF2LQ

Many thanks and a good time had by all !!!!!!!

71s

George Osier , N2JNZ / QRP
PRESIDENT
NNYCC

Date: Sat, 17 Aug 2002 15:32:37 -0400
From: "Paul Christensen" <w9ac@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132695] Re: Trade Brown Bros. Paddle/Endorsement
Message-ID: <002101c24624\$d8088840\$7601a8c0@se1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > Also have the CTL-A will never sell either.
> > So go for it. Far better than anything made today.
>
> Geez, I made the tragic mistake of offering to actually buy the thing (g).

I have had both the Brown Brothers BTL and BTL-A here for more than twenty years and believe me, it's not that great of paddle. The BTL-A uses small leaf springs which limit the useful lower tension adjustments. They're built well, but they lack precision. I keep them on display only. My small Vibroplex Code Warrior runs rings around both of them.

-Paul, W9AC

Date: Sun, 18 Aug 2002 09:44:50 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: John Dorson <jdorson@worldshare.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132696] Re: MFJ-9420 info needed
Message-ID: <Pine.LNX.4.44.0208180932200.2019-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim go to the MFJ web page and d/l the instruction manual for that radio. It should give you about all you can get in the way of information on it. The web page is:

<http://www.mfjenterprises.com/index.php>

| |__ | | | .` | | | | | > <
|____|__ ||_|_|____/ /_/_|\\

Date: Sun, 18 Aug 2002 12:07:30 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [132700] NA
Message-ID: <3.0.6.32.20020818120730.007a7ba0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ya gotta love these contests, as it's one of the only times people are willing to dig your crummy weak signal out of the noise.....

Got home last night, turned on the radio and heard the NA contest going. So, I threw the souped up WM-20, accesories and tent pole vertical into the day pack, drove down to a near-by trail head and sprinted 1/2 mile or so up the trail.

Stopped where I did, as the sun was starting to set behind the ridge across the valley. Would have liked to go higher, but didn't want to hike the really steep part of the trial back down in the dark. So, I set up the station where the trail crosses over a stream at the top of a nice 30 foot waterfall, called Tama Falls.

Was able to quickly work six stations, WA (X2), CA, IW, FL (that was a suprise, as the bulk of the mountian is to the south) and the UK. By this time dusk was settling in, so happy with the results, I packed up the station and stumbled back down the trail in the deeping twilight.

Not bad for a spur of the moment outting. Just wish I had though of it an hour or so earlier, so could have made it up to some open ledges on the shoulder of Mt Madison.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 18 Aug 2002 09:04:22 -0700

From: "Dennis W. Farrell" <dfarrell@ridgecrest.ca.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132701] Re: False Return Address
Message-ID: <000301c246d0\$f0c55000\$2ff69acc@mfpcc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thereby insuring that the originator receives two copies of your reply.

I'm curious as to why you'd want to do that (:^ >)

-- dwf

----- Original Message -----

From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, August 18, 2002 08:52
Subject: False Return Address

>
> I like to answer a message on this list with a copy to the list
> and a copy to the the originator.
=====<snip>=====

Date: Sun, 18 Aug 2002 12:38:12 -0400
From: Haines Brown <brownh@hartford-hwp.com>
To: k5di@zianet.com
Cc: qrp-l@lehigh.edu
Subject: [132702] Re: False Return Address
Message-ID: <200208181638.g7IGcCv08560@hartford-hwp.com>

> This has just started to happen a lot and I don't know why
> except perhaps the list server is having a problem, or a lot of
> people are using false return address. I can do that here with linux
> easy but it's argued to be a bad thing to do.

Karl,

The copy of your mail intended for the individual is sent by
pine/sendmail to your domain name server, which routes it to the
recipient. I don't see how it has anything to do with the qrp-l list.

If you think your name server is broken, why not use a different one? A while back I was using a name server provided by my hosting service that was no good, and changed over to my ISP's DNS. All it took was 30 seconds to reconfigure DSL and /etc/resolve.conf. You can try these:

```
nameserver 198.69.10.5
nameserver 198.69.10.2
```

But your suggestion that many people are using a bogus address interests me, and I hope there is further discussion of the point. I'm not much for anonymity, in part because that's how I'm deluged with spam every day. To prevent anonymity, many lists now require subscribers to confirm their wish to be added to the list by e-mailing a confirmation message. That discourages your being subscribed by a third party. I don't recall whether the qrp-l list did that, but if it did, then you would know the address is authentic.

--

Haines Brown
brownh@hartford-hwp.com
kb1grm@arrl.net
www.hartford-hwp.com

Date: Sun, 18 Aug 2002 12:47:42 -0400
From: "Paul Christensen" <w9ac@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132703] Vibroplex Venus
Message-ID: <019501c246d6\$f87a3760\$7601a8c0@se1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone know if Vibroplex decided to go ahead with production of the Venus iambic paddle? I checked their web site, but I do not see it listed.
Thanks!

-Paul, W9AC

Date: Sun, 18 Aug 2002 10:18:33 -0700

From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [132704] Re: New Rig Project! Woo Hoo!
Message-ID: <MABBJOEABOILMKCJCLFCGEFLDIAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trev

I built the original Ranger from a kit back in 1957. I don't remember any chirping on cw.

I know the vfo was extremely stable. It was still early times for ssb in those days.

I could zero beat a 20m ssb QSO and join them. It would be some time before they realized I was an AM station :-)

Have fun with the OT rig.

73, Bob N6WG

Date: Sun, 18 Aug 2002 10:52:51 -0700
From: "M.M." <markem@cox.net>
To: qrp-1@lehigh.edu
Subject: [132705] Re: New Rig Project! Woo Hoo!
Message-ID: <5.1.0.14.0.20020818104804.034b8c40@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:18 08/18/02 -0700, Bob Tellefsen wrote:

>..

>I could zero beat a 20m ssb QSO and join them. It would be some time before
>they realized I was an AM station :-)

My friend AI7R (then WA7GFP) used to tell them he was running a new mode...double sideband with carrier inserted. I think that was back in the B&W 5100 days. IIRC, the 5100's mode switch had two positions...'Normal' and 'SSB'.

73... Mark AA7TA

Date: Sun, 18 Aug 2002 10:55:18 -0700 (PDT)
From: Bill Urie <burie@linknet.krl.org>
To: <qrp-1@lehigh.edu>

Subject: [132706] TT Argosy 525D (digital)
Message-ID: <Pine.LNX.4.33.0208181048010.3963-100000@linknet.krl.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

for sale TT Argosy II model 525D 5/50
watts out. Excellent condition. with
mic. power cord, manual, 224 audio
filter, 217 500HZ crystal filter and
1125 circuit breaker. \$350 +ship.
Bill W7XV

Date: Sun, 18 Aug 2002 13:12:24 -0500
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'markem@cox.net'" <markem@cox.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132707] RE: B&W 5100 "Mode Switch"
Message-ID: <01C246B8.F0902320@KKANALZ>

That mode switch (AM and SSB) is because shortly after the "5100" was
introduced, B&W produced a phasing (not filter) SSB "adaptor" and the 5100
was used as a power amplifier, along with other circuitry.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----
From: M.M. [SMTP:markem@cox.net]
Sent: Sunday, August 18, 2002 12:53 PM
To: Low Power Amateur Radio Discussion
Subject: Re: New Rig Project! Woo Hoo!

My friend AI7R (then WA7GFP) used to tell them he was running a new
mode...double sideband with carrier inserted. I think that was back in the
B&W 5100 days. IIRC, the 5100's mode switch had two positions...'Normal'
and 'SSB'.

73... Mark AA7TA

Date: Sun, 18 Aug 2002 14:10:02 EDT

From: n5ib@juno.com
To: qrp-1@lehigh.edu
Subject: [132708] Solar panel - Harbor Freight #41144 - test data
Message-ID: <20020818.115737.7543.0.n5ib@juno.com>

The local Harbor Freight store finally got in some of the #41144 5 watt panels at the \$35 price.

Specs: Voc > 22 V
 Isc > 450 mA
 Vop = 13.5 V
 Pout = 5 W
 12.5" x 18.5" x 0.75"

Comes in an aluminum frame with cover glass, internal series diode, hardware to attach to a flat surface, and two aluminum rods to use as legs to prop it up at an angle that can be varied. A cable with a molex-style connector on one end and battery clips on the other is supplied.

I put a wire-wound rheostat on it for a variable load. Following are the measurements, taken about 2 hours before local solar noon here in Baton Rouge, LA (latitude 31 N) with the Sun in a cloudless part of a partly cloudy sky. Little or no haze visually apparent. Panel positioned to be aimed directly at the Sun.

Voc = 21.5 V
Isc = 420 mA
at Vout = 13.72 V (close as I could set it to 13.5V), I = 230 mA, for 3.16 W

Iout	Vout	Pout
50 mA	19.6 V	0.98 W
100 mA	18.0 V	1.8 W
150 mA	16.5 V	2.5 W
210 mA	14.3 V	3.0 W
260 mA	13.2 V	3.4 W
310 mA	11.0 V	3.4 W
370 mA	8.14 V	3.0 W
420 mA	0.39V	0.16 W

For my sky, doesn't quite make specs, particularly power, but perhaps Arizona would see better results. Putting my two homemade 8.5 x 11 panels in parallel will do as well or slightly better, but this one looks somewhat less flimsy than my lashup.

Usual disclaimers... no pecuniary interest in HF, etc.

Jim N5IB

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

Date: Sun, 18 Aug 2002 13:24:33 -0500

From: Nick Kennedy <nkennedy@tcainternet.com>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [132709] RE: Trade Brown Bros. Paddle/Endorsement

Message-ID: <01C246BA.973FD700.nkennedy@tcainternet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

I love my old beat up Brown Bros. paddle. But my current favorite is the Kent. Maybe just for the frivolous reason that its heavy and tends to stay put.

Here are some of my keys ...

<http://www.tcainternet.com/wa5bdu/mymorse.htm>

72--Nick, WA5BDU

Date: Sun, 18 Aug 2002 13:55:26 -0500

From: MIKE SOUHRADA <wb9iog@revealed.net>

To: w9ac@arrl.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [132710] Re: Trade Brown Bros. Paddle/Endorsement

Message-ID: <3D5FED9E.B3E2060@revealed.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Paul Christensen wrote:

The BTL-A uses small
> leaf springs which limit the useful lower tension adjustments. ??????????????
WHA!

They're built well, but they lack precision. ?????? I keep them on
display only. My
> small Vibroplex Code Warrior runs rings around both of them.
>
> -Paul, W9AC

The BTL-A has leaf springs that support the paddles not provide tension.
Tension is provided by the circular spring. There is no appreciable
resistance
to high speed code.
The BTL has no leaf springs just pivots and a circular spring.
Possibly someone has changed the components? ' and or the spring tension
is
set too tight.
Not seen or used the code warrior a bit to tiny for my taste @ \$100.

Mike
Iowa

Date: Sun, 18 Aug 2002 15:09:50 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Paul Christensen <w9ac@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132711] Re: Trade Brown Bros. Paddle/Endorsement
Message-ID: <20020818150517.V6657-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 17 Aug 2002, Paul Christensen wrote:

> > > Also have the CTL-A will never sell either.
> > > So go for it. Far better than anything made today.
> >
> > Geez, I made the tragic mistake of offering to actually buy the thing (g).
>
> I have had both the Brown Brothers BTL and BTL-A here for more than twenty
> years and believe me, it's not that great of paddle.

Beauty is in the eye of the beholder. Since I'm not that great of a CW
op. and not that great of a collector, and not that great of a technical
person, I only know that I enjoy using the Brown Brothers paddles...so
much so that I have actually attempted to find a machine shop that will

produce a run of them for other like myself who don't know and appreciate paddles.

The BTL-A uses small

> leaf springs which limit the useful lower tension adjustments. They're
> built well, but they lack precision. I keep them on display only. My
> small Vibroplex Code Warrior runs rings around both of them.

Any time they become too terrible and too lacking of precision, let me know, I'd like to put them on the air.

73,

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Sun, 18 Aug 2002 15:32:33 EDT
From: IamSF5@aol.com
To: k5di@zianet.com, qrp-1@lehigh.edu
Subject: [132712] Re: MFJ-9420 info needed
Message-ID: <cc.10476cc2.2a915051@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 8/18/02 11:47:55 AM Eastern Daylight Time, k5di@zianet.com writes:

<<

and easy to use. Just put 9420 into the Search thing and it brings up the radio picture and allows you to buy it or get the instruction manual. I got it and just speed read the thing and it's a heck of a nice 20 meter 10 watt ssb rig. You can buy a CW board that lets it work in the CW portion of the band as well

>>

JUst my 2 cents here Guys,

When you spend \$40.00 on that CW board the BW on CW will still be as wide as it is on SSB.

The rig is nice but can sure use an RIT.

Bob

AF2Q

Date: Sun, 18 Aug 2002 16:15:47 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [132713] Re: Deluxe Direct Conversion Receiver
Message-ID: <3.0.6.32.20020818161547.007aba00@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Please, please kit this great stuff. I will pay what you need for it.
>
>Royce

Anyone else feel this way too? Like maybe 50-100 of ya'?

The thought did cross my mind and I figure a complete transciever would run maybe \$40.00 for a classic board kit. We can certinally do 40M and probably a 20M version, and possibly even a 17M version.

I tried out a PA for the rig yesterday, (7MHz) with a pair of 2N7000's in push pull. Puts out an amazing 1.5 watts with a 7.5V supply and over 2 watts at 9V. At 12 volts it's up to over 3.5 watts, but afriad to key it too long with just a pair of plastic T0-92 finals!

I'm thinking of optimizing the rig to run on 7.5 to 9 volts. If we go surface mount parts, which I'm hoping you all are getting more comfortable working with, we can make it pretty small, (but maybe not quite small enough to fit in a Altoids tin) and light wieght. Would call it the "Super Sprint Rig" (SSR) as it would be very competative in the ARS Spartin Sprints.

So, you guys up for building yet another rig? :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sun, 18 Aug 2002 16:43:21 -0400
From: Jimmy Lee <jr1audio@bellsouth.net>
To: qrp-l@lehigh.edu
Subject: [132714] Re: K1?

Message-ID: <3D6006E8.65031D97@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jimmy Lee wrote:

> I am thinking about getting a K1 kit. I am unable to use one to see if
> it is actually what I want. Here are a few questions that I have.
> 1. I have built and use a Wilderness Radio NORCAL 40A and enjoy it very
> much. Is the K1's receiver as good, better, or much better than the
> 40A?
> 2. Since I am a novice builder, will the K1 be a good project for my
> second kit? (When the 40a worked the first time I powered it up, boy
> was I surprised.)
> 3. Is there any other kits or rigs that I might consider for 4 band cw
> and an occasional trip to a park and etc.?
>
> Thanks,
> Jimmy,
> AE4DT

Date: Sun, 18 Aug 2002 16:42:33 -0400
From: "Paul Christensen" <w9ac@arrl.net>
To: "MIKE SOUHRADA" <wb9iog@revealed.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132715] Re: Trade Brown Bros. Paddle/Endorsement
Message-ID: <01c401c246f7\$c7dfe200\$7601a8c0@se1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> The BTL has no leaf springs just pivots and a circular spring.
> Possibly someone has changed the components?

No. I am the original owner. Note that the circular spring adjustment becomes useless at low resistance settings; the force of the spring leaf completely takes over any adjustment of the circular spring. In fact, removing the circular spring entirely, still results in more tension than the lowest setting of any other paddle I've tried. That is just one reason my Brown Bros. keys are "on display only."

-Paul, W9AC

Date: Sun, 18 Aug 2002 16:45:11 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L Group" <qrp-l@lehigh.edu>
Subject: [132716] FS : Ten Tec Argonaut 509 and filter
Message-ID: <005901c246f8\$26422ce0\$25624342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Argo 509 with 208 filter , cosmetically a 9 , electrically a 8
.....

\$ 225 . 00

73s

George Osier , N2JNZ / QRP

Date: Sun, 18 Aug 2002 01:39:07 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [132717] Email address for Jim Pepper Needed
Message-ID: <01ee01c24692\$ba6bed40\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have a working email address for Jim Pepper? Thanks, Doug

Date: Sun, 18 Aug 2002 16:56:16 -0400
From: "John Dorson" <jdorson@worldshare.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [132718] WTB MFJ-9420

Message-ID: <004201c246f9\$b57f1200\$709a8b41@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Anyone out there have one they are selling?

Please respond off list.

Thanks
John K2JHU...
Melbourne Beach, FL
jdorson@worldshare.net
FISTS 8637, CQC 351

Date: Sun, 18 Aug 2002 14:06:34 -0700
From: "blinn" <blinn@smgazette.com>
To: <N0BN@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [132719] Re: Stock TT2 and MRX-40 on the air
Message-ID: <000e01c246fb\$2357fde0\$9d8aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<http://www.redhotradio.com/MRX40TT2.html>

Don't give up! Check Dave's mod here... It worked for me.

Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.381 / Virus Database: 214 - Release Date: 8/2/02

--

Date: Sun, 18 Aug 2002 14:29:40 -0700 (PDT)
From: Wayne AA5JJ <aa5jj@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [132720] ZM-2 tuner
Message-ID: <20020818212940.74915.qmail@web10506.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

When using the ZM-2 antenna tuner and a single end feed wire are you suppose to use a shorter piece of wire on the ground side as a counter poise ? or just the end feed wire by its self ?

Thanks Wayne AA5JJ

Do You Yahoo!?
HotJobs - Search Thousands of New Jobs
<http://www.hotjobs.com>

Date: Sun, 18 Aug 2002 18:03:28 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-l@lehigh.edu>, "NEQRP LIST" <neqrp@jonal.net>
Subject: [132721] ROCK MITE, 40M EDZ, from Maine
Message-ID: <005901c24703\$156e0140\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've managed to get the 176' EDZ up in this oppressive heat and hope to be on the air with "Bare Naked Rock Mite" on the hour this evening starting around 2300Z. The ant is at the usual 55' ht and E-W beam heading so should hit whole west coast easy with 400mw. I'm still operating battery pwr in a tent directly under the ant. Let me know when you'll be on and I'll plan to be there.

72

AA1MY

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Sun, 18 Aug 2002 14:30:16 -0700
From: "blinn" <blinn@smgazette.com>
To: <kd1jv@moose.ncia.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132722] Re: Deluxe Direct Conversion Receiver
Message-ID: <003e01c246fe\$72d69c20\$9d8aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep, count me in...

Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.381 / Virus Database: 214 - Release Date: 8/2/02

--

Date: Sun, 18 Aug 2002 14:27:01 -0700
From: "blinn" <blinn@smgazette.com>
To: <n6wg@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [132723] Re: New Rig Project! Woo Hoo!
Message-ID: <002b01c246fd\$feafce0\$9d8aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trev, I worked W7IXZ, Larry in LaGrande, OR a couple days back. He was using an old Viking at QRO (40 W) and you couldn't tell that it wasn't a brand new state of the art \$5 k rig!

Larry seemed to be a dyed in the wool boat anchor man, so you might bend his ear with questions you may have on your Viking.

Good luck with your new rig! :)

Bill - WA7TQK

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.381 / Virus Database: 214 - Release Date: 8/2/02

--

Date: Sun, 18 Aug 2002 14:45:57 -0400

From: Jimmy Lee <jrlaudio@bellsouth.net>

To: qrp-l@lehigh.edu

Subject: [132724] K1?

Message-ID: <3D5FEB65.D9C1DB42@bellsouth.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I am thinking about getting a K1 kit. I am unable to use one to see if it is actually what I want. Here are a few questions that I have.

1. I have built and use a Wilderness Radio NORCAL 40A and enjoy it very much. Is the K1's receiver as good, better, or much better than the 40A?
2. Since I am a novice builder, will the K1 be a good project for my second kit? (When the 40a worked the first time I powered it up, boy was I surprised.)
3. Is there any other kits or rigs that I might consider for 4 band cw and an occasional trip to a park and etc.?

Thanks,
Jimmy,
AE4DT

Date: Sun, 18 Aug 2002 18:01:50 -0400

From: Steven Weber <kd1jv@moose.ncia.net>

To: qrp-l@lehigh.edu

Subject: [132725] Updated Deluxe DC RX files

Message-ID: <3.0.6.32.20020818180150.007ac5a0@mailhost.ncia.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I redid the Deluxe DC receiver page, which is now a DC transceiver.
I added the 2N7000 push pull amplifier and split the schematic up into VFO,
Rx and PA sections. Also changed the VFO to use a 74HC86 NOR gate, which
several people suggested I used instead of a NAND gate, and the NOR gate
does seem to work better.

<http://www.qsl.net/kd1jv/dcrx.HTM>

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Sun, 18 Aug 2002 18:40:50 -0400

From: "ss lyon" <sslyon@megalink.net>

To: <aa5jj@yahoo.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [132726] Re: ZM-2 tuner

Message-ID: <001701c24708\$4df7ef80\$aac7e742@megalink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

yes... ground it AND use at least one 1/4 wave counterpoise/radial/.... You'll
love the ZM-2.

72

AA1MY

Seabury & Sharon Lyon

99 Sparrowhawk Mtn Rd

Bethel ME, 04217 U.S.A.

207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Wayne AA5JJ" <aa5jj@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, August 18, 2002 5:29 PM

Subject: ZM-2 tuner

> When using the ZM-2 antenna tuner and a single end
> feed wire are you suppose to use a shorter piece of
> wire on the ground side as a counter poise ? or just
> the end feed wire by its self ?
>
>
> Thanks Wayne AA5JJ
>
>
> -----
> Do You Yahoo!?
> HotJobs - Search Thousands of New Jobs
> <http://www.hotjobs.com>

Date: Sun, 18 Aug 2002 16:45:52 -0500
From: "Walter AG5P" <walter@accessus.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"Steven Weber" <kd1jv@moose.ncia.net>
Subject: [132727] Re: Deluxe Direct Conversion Receiver
Message-ID: <00eb01c24700\$a12abd20\$30466ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,
How about putting me down for a 17 meter transceiver.

If there was a wish list, it would be a Weber WARC transceiver
with 12, 17 and 30 meters! (a WW3) Any chance of that?

72/73...Walter, AG5P.....Wright City, MO

<<<snipped>>>

Anyone else feel this way too? Like maybe 50-100 of ya'?

The thought did cross my mind and I figure a complete transciever would run
maybe \$40.00 for a classic board kit. We can certinally do 40M and probably
a 20M version, and possibly even a 17M version.

Date: Sun, 18 Aug 2002 17:44:22 -0500

From: Karl Kanalz <kkanalz@gcecis.com>
To: "'kd1jv@moose.ncia.net'" <kd1jv@moose.ncia.net>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [132728] RE: Deluxe Direct Conversion Receiver
Message-ID: <01C246DF.C1C59D00@KKANALZ>

Steve,

You can sign me up for a 40M version and a 20M version (if it becomes available)!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Steven Weber [SMTP:kd1jv@moose.ncia.net]
Sent: Sunday, August 18, 2002 3:16 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Deluxe Direct Conversion Receiver

>Please, please kit this great stuff. I will pay what you need for it.

>

>Royce

Anyone else feel this way too? Like maybe 50-100 of ya'?

The thought did cross my mind and I figure a complete transciever would run maybe \$40.00 for a classic board kit. We can certinally do 40M and probably a 20M version, and possibly even a 17M version.

I tried out a PA for the rig yesterday, (7MHz) with a pair of 2N7000's in push pull. Puts out an amazing 1.5 watts with a 7.5V supply and over 2 watts at 9V. At 12 volts it's up to over 3.5 watts, but afriad to key it too long with just a pair of plastic T0-92 finals!

I'm thinking of optimizing the rig to run on 7.5 to 9 volts. If we go surface mount parts, which I'm hoping you all are getting more comfortable working with, we can make it pretty small, (but maybe not quite small enough to fit in a Altoids tin) and light wieght. Would call it the "Super Sprint Rig" (SSR) as it would be very competative in the ARS Spartin Sprints.

So, you guys up for building yet another rig? :-)

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

End of QRP-L Digest 2651
